



Recombinant Escherichia coli GTP pyrophosphokinase (relA)

Product Code	CSB-BP360357ENV
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P0AG20
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MVAVRSAHIN KAGEFDPEKW IASLGITSQK SCECLAETWA YCLQQTQGHP DASLLLWRGV EMVEILSTLS MDIDTLRAAL LFPLADANVV SEDVLRESVG KSVVNLHGV RDMAAIRQLK ATHTDSVSSE QVDNVRMMLL AMVDDFRCVV IKLAERIAHL REVKDAPEDE RVLAAKECTN IYAPLANRLG IGQLKWELED YCFRYLHPT EYKRIAKLLHE RRLDREHYIE EFGVHLRAEM KAEGVKAIEVY GRPKHIYSIW RKMQKKNLAF DELFDVRAVR IVAERLQDCY AALGIVHHTY RHL PDEFDDY VANPKPNGYQ SIHTVVLGPG GKTVEIQIRT KQM HEDAELG VAHWKYKEG AAAGGARS GH EDRIAWLRKL IAWQEEMADS GEMLDEVRSQ VFDDR VYVFT PKGDVVDLPA GSTPLDFAYH IHSDVGHRCI GAKIGGRIVP FTYQLQMGDQ IEIITQKQPN PSRDWLNPNL GYVTTSRGRS KIHAWFRKQD RDKNILAGRQ ILDDELEHLG ISLKEAEKHL LPRYNFNDVD ELLAAIGGGD IRLNQMVNFL QSQFNKPSAE EQDAAALKQL QKSYTPQNR SKDN GRVVVE GVG NLMHHIA RCCQPIPGDE IVGFITQGRG ISVHRADCEQ LAELRSHAPE RIVDAVWGES YSAGYSLVVR VVANDRSGLL RDITTILANE KVVNLGVASR SDTKQQLATI DMTIEIYNLQ VLGRVLGKLN QVPDVIDARR LHGS
Source	Baculovirus
Target Names	relA
Protein Names	Recommended name: GTP pyrophosphokinase EC= 2.7.6.5 Alternative name(s): (p)ppGpp synthase ATP:GTP 3'-pyrophosphotransferase ppGpp synthase I
Expression Region	1-744
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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